

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/076074 A2

- (51) International Patent Classification⁷: **G03F**
- (21) International Application Number:
PCT/EP2005/050276
- (22) International Filing Date: 24 January 2005 (24.01.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
04100365.8 2 February 2004 (02.02.2004) EP
- (71) Applicant (for all designated States except US): **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **DIETLIKER, Kurt** [CH/CH]; Baselmattweg 132, CH-4123 Allschwil (CH). **HÜSLER, Rinaldo** [CH/CH]; Näfelerstrasse 41, CH-4055 Basel (CH). **BIRBAUM, Jean-Luc** [CH/CH]; Bruderholzstrasse 17, CH-4102 Binningen (CH). **WOLF, Jean-Pierre** [CH/CH]; Chilmetweg 6, CH-4464 Maisprach (CH).
- (74) Common Representative: **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

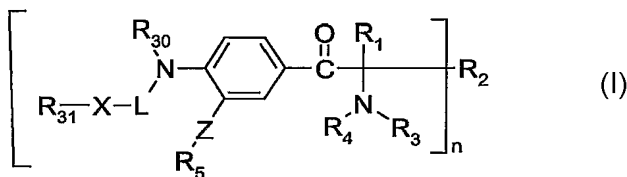
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FUNCTIONALIZED PHOTOINITIATORS



(57) Abstract: The invention relates to novel photoinitiators of formula (I) wherein each of the substituents is given the definition as set forth in the Specification and the claims. The photoinitiators can be used to prepare multifunctional photoinitiators.



WO 2005/076074 A2